NC/QC/W1/2023-24/LO/PMC

Date: 04-11-2023

To,
The Executive Engineer,
Yelahanka Division
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Item No	Description of work	Unit	Qty	Remarks
5	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications,	Cum	166.95	Work done upto the Billed Quantity and the Quality is Satisfactory
6	Providing And Filling In Foundation With Granite/Trap Broken Metal 100mm And Down Size With Approved Sand Including Hand Packing, Ramming, Watering,Including Cost Of All Materials And Labour With All Lead And Lift	Cum	45.00	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Cum	18.26	Work done upto the Billed Quantity and the Quality is Satisfactory
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid	Cum	162.37	Work done upto the Billed Quantity and the Quality is Satisfactory
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Tn	4.52	Work done upto the Billed Quantity and the Quality is Satisfactory
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The	Cum	69.37	Work done upto the Billed Quantity and the Quality is Satisfactory
13	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and	Sqm	54.00	Work done upto the Billed Quantity and the Quality is Satisfactory
14	Providing and fixing precast reinforced cement concrete covering slabs of 15Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and	Sqm	118.41	Work done upto the Billed Quantity and the Quality is Satisfactory
15	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete	Sqm	91.80	Work done upto the Billed Quantity and the Quality is Satisfactory
16	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.	Sqm	187.50	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Sqm	76.10	Work done upto the Billed Quantity and the Quality is Satisfactory
18	Providing and fixing Structural Steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cost	Kgs	171.50	Work done upto the Billed Quantity and the Quality is Satisfactory
19	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid	Cum	1.02	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
	Above 125%	Cum	17.58	Work done upto the Billed Quantity and the Quality is Satisfactory
20	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting	Nos	113.00	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Nos	1954.00	Work done upto the Billed Quantity and the Quality is Satisfactory
21	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	325.50	Work done upto the Billed Quantity and the Quality is Satisfactory
23	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications,	Cum	312.64	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Cum	287.36	Work done upto the Billed Quantity and the Quality is Satisfactory
24	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and	Cum	87.80	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Cum	67.45	Work done upto the Billed Quantity and the Quality is Satisfactory
25	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site,	Cum	8.35	Work done upto the Billed Quantity and the Quality is Satisfactory
27	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.	Sqm	101.53	Work done upto the Billed Quantity and the Quality is Satisfactory
29	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the	Cum	50.56	Work done upto the Billed Quantity and the Quality is Satisfactory
30	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished	Sqm	12.96	Work done upto the Billed Quantity and the Quality is Satisfactory
31	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	t.Km	981.69	Work done upto the Billed Quantity and the Quality is Satisfactory
32	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the	Tn	3.96	Work done upto the Billed Quantity and the Quality is Satisfactory
33	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the	Cum	66.49	Work done upto the Billed Quantity and the Quality is Satisfactory
34	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the	Cum	68.72	Work done upto the Billed Quantity and the Quality is Satisfactory
35	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of	Cum	359.76	Work done upto the Billed Quantity and the Quality is Satisfactory
36	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super	Cum	58.37	Work done upto the Billed Quantity and the Quality is Satisfactory
37	Coloumn Up to Plinth	Cum	4.46	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
38	Plinth Beam	Cum	12.83	Work done upto the Billed Quantity and the Quality is Satisfactory
39	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the	Sqm	251.16	Work done upto the Billed Quantity and the Quality is Satisfactory
40	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6(1 cement : 6 coarse sand) (V-II Page No.9, Item No.5.4 of PWD SR 2021-22)	Cum	81.88	Work done upto the Billed Quantity and the Quality is Satisfactory
45	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt	Cum	18.61	Work done upto the Billed Quantity and the Quality is Satisfactory
46	Roof Beam	Cum	46.75	Work done upto the Billed Quantity and the Quality is Satisfactory
47	Slab	Cum	74.73	Work done upto the Billed Quantity and the Quality is Satisfactory
48	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever	Kg	24832.57	Work done upto the Billed Quantity and the Quality is Satisfactory
49	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS2185 (Part -	Sqm	247.74	Work done upto the Billed Quantity and the Quality is Satisfactory
52	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),	Cum	1.07	Work done upto the Billed Quantity and the Quality is Satisfactory
53	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two	Nos	11.00	Work done upto the Billed Quantity and the Quality is Satisfactory
54	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding (V-II,	Kg	1882.65	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Kg	710.79	Work done upto the Billed Quantity and the Quality is Satisfactory
55	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including	Sqm	1030.16	Work done upto the Billed Quantity and the Quality is Satisfactory
56	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of	Sqm	949.72	Work done upto the Billed Quantity and the Quality is Satisfactory
57	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed including	Sqm	497.32	Work done upto the Billed Quantity and the Quality is Satisfactory
58	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as	Sqm	1026.02	Work done upto the Billed Quantity and the Quality is Satisfactory
59	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red	Sqm	11.21	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Sqm	69.68	Work done upto the Billed Quantity and the Quality is Satisfactory
60	Providing skirting, dadooing, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size	Sqm	35.98	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
	Above 125%	Sqm	17.95	Work done upto the Billed Quantity and the Quality is Satisfactory
61	Providing and fixing flush door shutter made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters	Sqm	7.88	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Sqm	5.23	Work done upto the Billed Quantity and the Quality is Satisfactory
62	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick	Nos	14.88	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Nos	1.98	Work done upto the Billed Quantity and the Quality is Satisfactory
63	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TIO2(Titanium Dioxide) at 6 PHR with TPE (Thermo Plastic Elastomer) and lead	Sqm	65.08	Work done upto the Billed Quantity and the Quality is Satisfactory
64	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU	Sqm	374.31	Work done upto the Billed Quantity and the Quality is Satisfactory
65	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including	Sqm	234.51	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Sqm	791.50	Work done upto the Billed Quantity and the Quality is Satisfactory
66	Providing White washing with lime to give an even shade :New work (three coats) with lime of approved quality, including cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-	Sqm	881.18	Work done upto the Billed Quantity and the Quality is Satisfactory
67	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to	Sqm	881.18	Work done upto the Billed Quantity and the Quality is Satisfactory
68	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary	kg	1704.00	Work done upto the Billed Quantity and the Quality is Satisfactory
69	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @0.75 ltr/10 m² of approved brand and manufacture to give an even shade	Sqm	47.04	Work done upto the Billed Quantity and the Quality is Satisfactory
70	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @ 0.80 ltr/10 m² of approved brand and manufacture including preparing the	Sqm	65.88	Work done upto the Billed Quantity and the Quality is Satisfactory
72	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with	Sqm	96.85	Work done upto the Billed Quantity and the Quality is Satisfactory
73	Providing and fixing chromium plated brass handles of 100/125 mm with necessary screws etc. Complete(V-II Page No.107, Item No.12.62 of PWD SR 2021-22)	Nos	26.00	Work done upto the Billed Quantity and the Quality is Satisfactory
74	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.125x65x2.12mm(V-II Page No.107, Item No.12.68.1 of PWD SR 2021-22)	Nos	40.00	Work done upto the Billed Quantity and the Quality is Satisfactory
75	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. Complete 250x10mm (V-II Page No.109, Item No.12.76 of PWD SR 2021-22)	Nos	26.00	Work done upto the Billed Quantity and the Quality is Satisfactory
76	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush	Nos	4.00	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
77	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of	Nos	5.00	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Nos	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory
78	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in	Nos	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory
79	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This	m	84.00	Work done upto the Billed Quantity and the Quality is Satisfactory
80	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This	m	54.00	Work done upto the Billed Quantity and the Quality is Satisfactory
81	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This	m	24.00	Work done upto the Billed Quantity and the Quality is Satisfactory
82	Supplying PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and	M	51.50	Work done upto the Billed Quantity and the Quality is Satisfactory
83	Providing and fixing gun metal non- return valve of approved quality (screwed end)(V-II Page No.115, Item No.13.6.1.2 of PWD SR 2021-22)	Nos	3.00	Work done upto the Billed Quantity and the Quality is Satisfactory
84	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete(V-II Page No.115, Item No.13.5.2 of PWD SR 2021-22)	Each	5.00	Work done upto the Billed Quantity and the Quality is Satisfactory
85	Providing and fixing PTMT pillar cock of approved quality and colour 15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms(V-II Page No.118, Item No.13.20.2 of PWD SR 2021-22)	Each	5.00	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Each	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory
86	Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms (V-	Each	5.00	Work done upto the Billed Quantity and the Quality is Satisfactory
87	Providing and fixing brass bib cock of approved quality :20 mm nominal bore (V-II Page No.129, Item No.13.3.2 of PWD SR 2021-22)	Nos	10.00	Work done upto the Billed Quantity and the Quality is Satisfactory
88	Providing and fixing brass stop cock of approved quality :20 mm nominal bore (V-II Page No.129, Item No.13.3.2 of PWD SR 2021-22)	Nos	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory
89	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement	Sqm	55.98	Work done upto the Billed Quantity and the Quality is Satisfactory
90	Providing and fixing in position 12mm thick plaster of paris (Gypsum anhydrous) for ceiling reinforced with hessian cloth flat surface with ceiling tiles up to a height of 5 m above floor level over aluminium strips 25mm x	Sqm	273.10	Work done upto the Billed Quantity and the Quality is Satisfactory
91	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting	m	108.00	Work done upto the Billed Quantity and the Quality is Satisfactory
92	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab.	m	108.00	Work done upto the Billed Quantity and the Quality is Satisfactory
93	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering	m	156.00	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
94	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2.mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the	m	114.00	Work done upto the Billed Quantity and the Quality is Satisfactory
95	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 32mm dia 2.5mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the	m	25.00	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	m	11.00	Work done upto the Billed Quantity and the Quality is Satisfactory
97	1.5 Sqm	m	1050.00	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	m	250.00	Work done upto the Billed Quantity and the Quality is Satisfactory
98	2.5 Sqm	m	500.00	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	m	240.00	Work done upto the Billed Quantity and the Quality is Satisfactory
99	4.0 Sqm	m	350.00	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	m	330.00	Work done upto the Billed Quantity and the Quality is Satisfactory
100	10.0 Sqm	m	280.00	Work done upto the Billed Quantity and the Quality is Satisfactory
101	Point wiring using Copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using 1100V Grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2x1.5 Sq.mm	Point	66.00	Work done upto the Billed Quantity and the Quality is Satisfactory
102	Medium point a above 3mtr up to 6mtr from tapping point to out let via switch (Page No.3, Item No.2.2.2 of PWD Electrical SR 2021-22)	Point	66.00	Work done upto the Billed Quantity and the Quality is Satisfactory
103	Long point a above 6mtr up to 10mtr from tapping point to out let via switch (Page No.3, Item No.2.2.3 of PWD Electrical SR 2021-22)	Point	52.00	Work done upto the Billed Quantity and the Quality is Satisfactory
104	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve , indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete	Each	10.00	Work done upto the Billed Quantity and the Quality is Satisfactory
105	6-32 Amps DP	Each	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory
106	40 Amps TPN	Each	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
107	50-63 Amps SP	Each	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
108	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with	Each	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory
109	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mounting using required clamps, bolts, nuts etc. with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with	Each	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
110	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC supply & completely wired on existing box. (Page No.6, Item No.3.7 of PWD Electrical SR 2021-22)	Each	10.00	Work done upto the Billed Quantity and the Quality is Satisfactory
111	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3 Way (Page No.5, Item	Each	13.00	Work done upto the Billed Quantity and the Quality is Satisfactory
112	Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes : Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for	Each	34.00	Work done upto the Billed Quantity and the Quality is Satisfactory
113	Supply and fixing metal fan box with round hook (Page No.2, Item No.1.12 of PWD Electrical SR 2021-22)	Nos	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
114	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.(Page No.5, Item No.3.6 of PWD Electrical SR 2021-22) 6Amps SP Switch	Each	100.00	Work done upto the Billed Quantity and the Quality is Satisfactory
115	6Amps 3way 5 pin socket	Each	36.00	Work done upto the Billed Quantity and the Quality is Satisfactory
116	16Amps SP Switch	Each	16.00	Work done upto the Billed Quantity and the Quality is Satisfactory
117	32Amps Flush/projected types DP switch	Each	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
120	6Way	Each	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory
122	10-12Way	Each	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
124	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. (Page No.5,	Each	13.00	Work done upto the Billed Quantity and the Quality is Satisfactory
126	6Moudule	Each	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory
128	10Moudule	Each	3.00	Work done upto the Billed Quantity and the Quality is Satisfactory
129	12Moudule	Each	14.00	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Each	3.00	Work done upto the Billed Quantity and the Quality is Satisfactory
130	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies for operation on 230 Volts, 50 Cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system.(84/9.3)56"	Each	28.00	Work done upto the Billed Quantity and the Quality is Satisfactory
132	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. 14.7.1 On wall / ceiling / Rafter / Girders (Page No.45, Item No.13.7.1 of PWD	Each	37.50	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Each	28.50	Work done upto the Billed Quantity and the Quality is Satisfactory
	EIRL			

Item No	Description of work	Unit	Qty	Remarks
E1	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect.	Sqm	49.64	Work done upto the Billed Quantity and the Quality is Satisfactory
E2	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part -	Sqm	247.29	Work done upto the Billed Quantity and the Quality is Satisfactory
E3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel	Sqm	9.20	Work done upto the Billed Quantity and the Quality is Satisfactory
E4	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes including cost of materials,	KG	400.00	Work done upto the Billed Quantity and the Quality is Satisfactory
E5	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to	Cum	600.00	Work done upto the Billed Quantity and the Quality is Satisfactory
E6	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine	Cum	67.50	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 3rd And Final Bill

Thanking you,

GGL

For Newzen Consultants Bangalore

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ಯಲಹಂಕ ಉಪವಿಭಾಗ,
ಕ.ಪ.ಎಂ.ಕಿ. ಬೆಂಗಳೂರು-105

NC/QC/W1/2023-24/LO/QC

Date: 04-11-2023

To,
The Executive Engineer,
Yelahanka Division
Bangalore.

"FREQUENCY AND QUALITY REPORT"

Dear Sir,

Subject: Regarding Quality Report for the below mentioned work.

Name of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Item No	Description of work	Unit	Qty	No of Samples Tested	Frequency	Results Standards
1	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators,	Cum	162.37	2	Per 100 cum	Meets Morth V Revision Standards
2	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other	Cum	209.46	6	Per 100 cum	Meets Morth V Revision Standards
3	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators,	Cum	75.66	12	Per 100 cum	Meets Morth V Revision Standards
4	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Tn	4.52	1	Per Dia	Meets Morth V Revision Standards
5	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in	Kg	24832.57	1	Per Dia	Meets Morth V Revision Standards

Item No	Description of work	Unit	Qty	No of Samples Tested	Frequency	Results Standards
6	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of	Cum	67.50	5	Per 100 cum	Meets Morth V Revision Standards
7	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum	Sqm	247.29	1	Per 500 Sqm	Meets Morth V Revision Standards
8	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum	Sqm	247.74	1	Per 500 Sqm	Meets Morth V Revision Standards
9	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top width 100mm and Bottom width 150mm respectively 300mm high with	Nos	2067.00	4	Per 500 Nos	Meets Morth V Revision Standards
10	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel	Sqm	54.00	1	Per 500 Sqm	Meets Morth V Revision Standards
11	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel	Sqm	91.80	1	Per 500 Sqm	Meets Morth V Revision Standards

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 3rd and Final bill. The all the samples satisfies the standards requirements as per MORTH V Revision 2013.

Thanking you,

With Regards,

For Newzen Consultants Bangalore

NEWZEN CONSULTANTS Bangalore

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